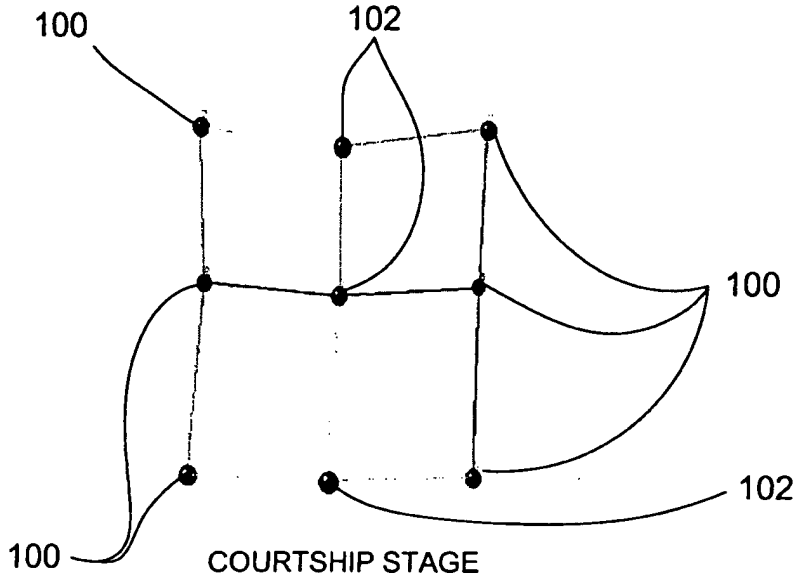
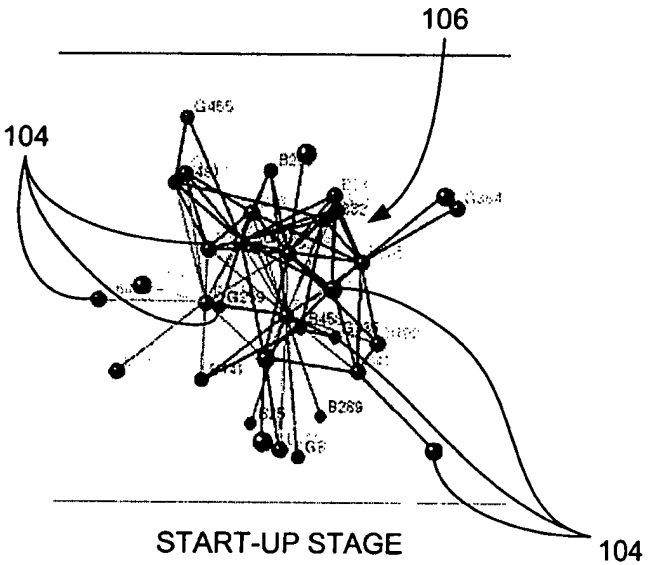
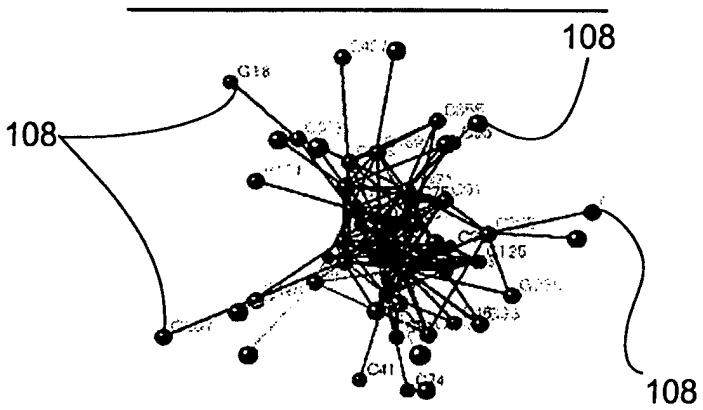
FIGURE 1



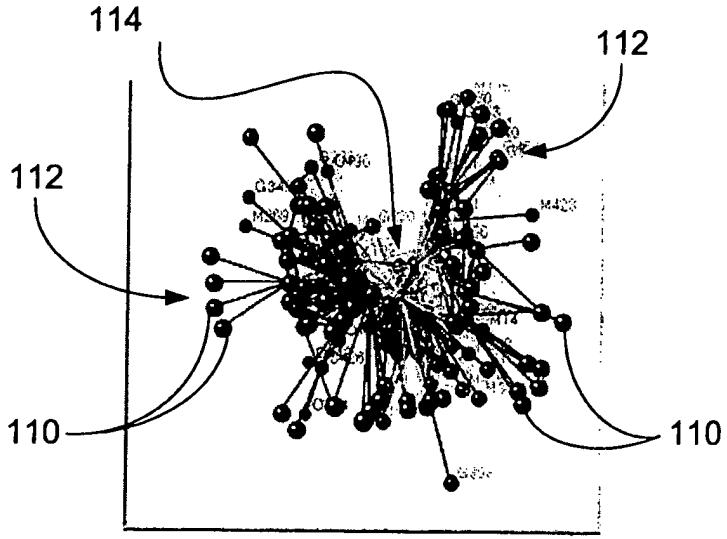
COURTSHIP STAGE



START-UP STAGE



MID-TERM STAGE



MATURE STAGE

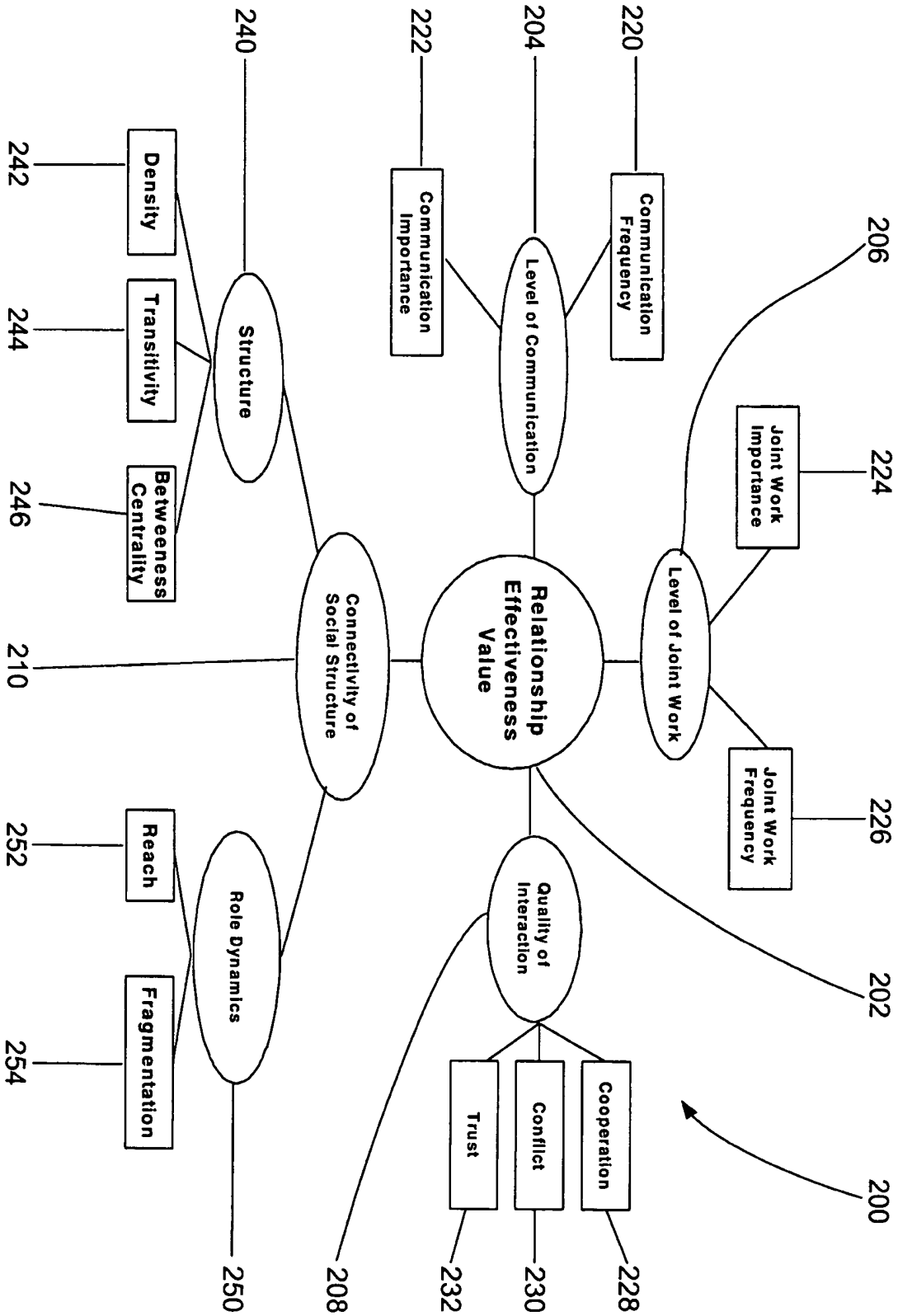

Relationship Effectiveness Value
200
202
204
206
208
210
220
222
224
226
228
230
232
240
242
244
246
250
252
254
Level of Communication
Communication Frequency
Communication Importance
Level of Joint Work
Joint Work Importance
Joint Work Frequency
Connectivity of Social Structure
Structure
Density
Transitivity
Betweeness Centrality
Role Dynamics
Reach
Fragmentation
Quality of Interaction
Cooperation
Conflict
Trust

FIGURE 2

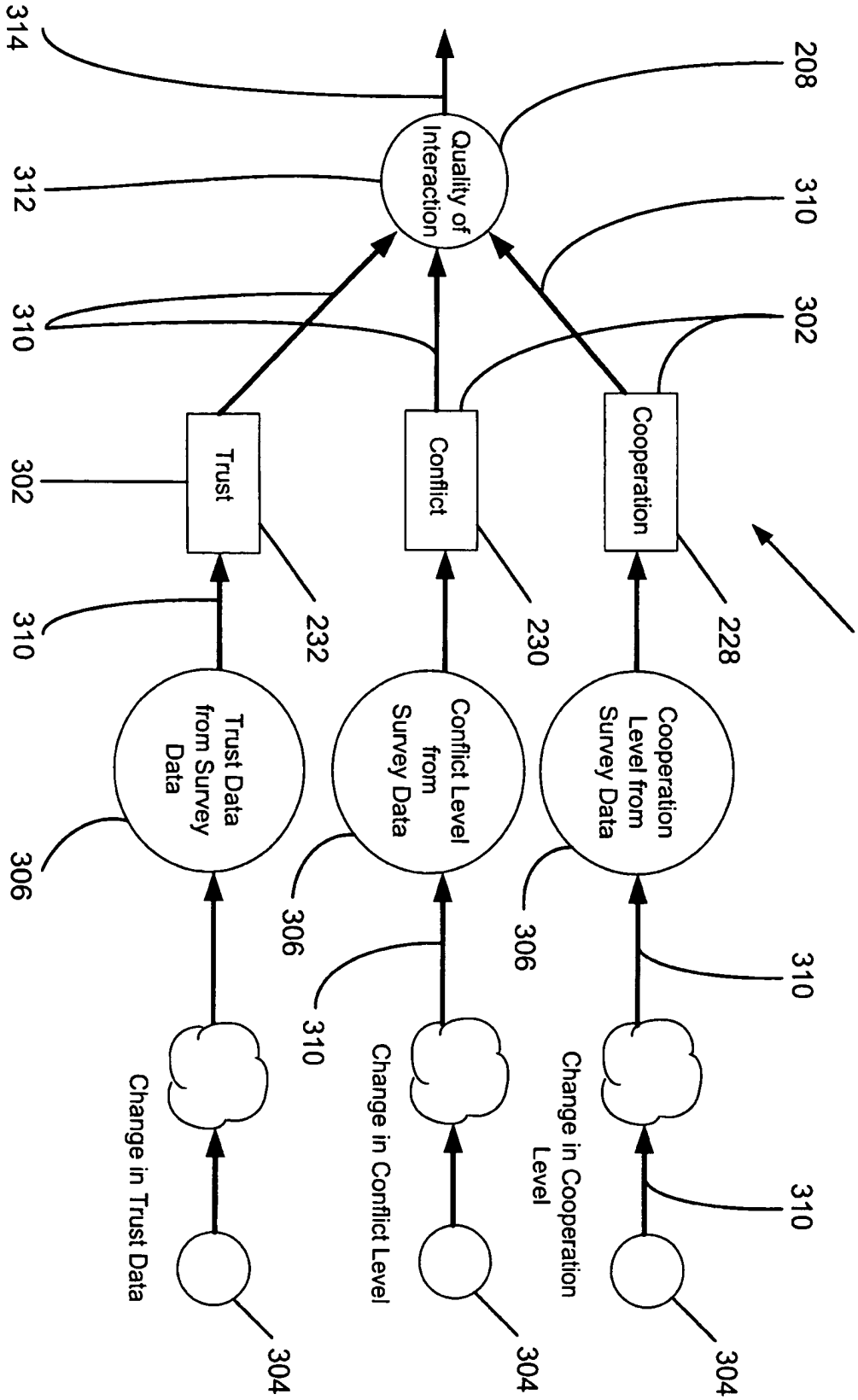
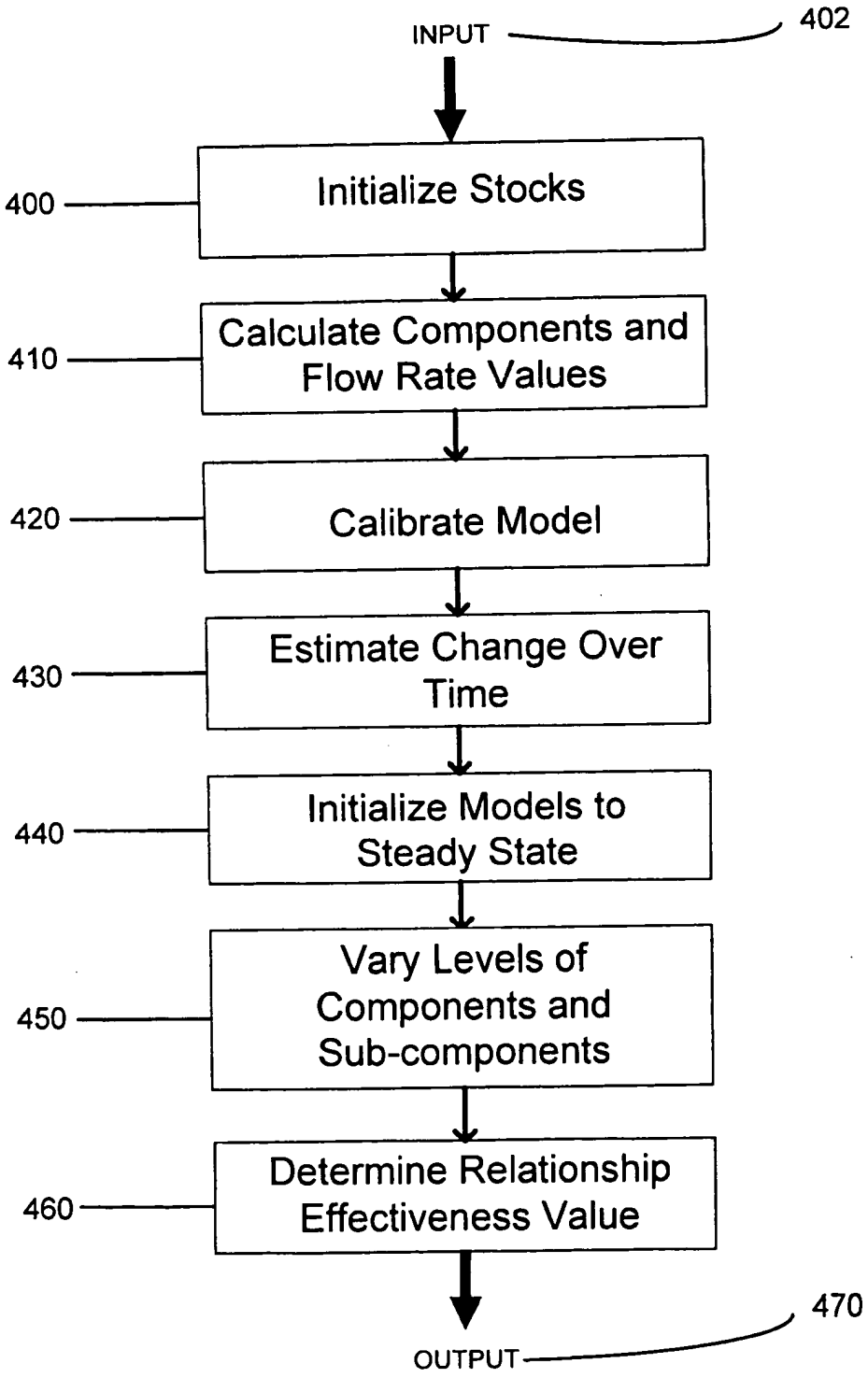

Quality of Interaction
Trust
Conflict
Cooperation
Trust Data from Survey Data
Conflict Level from Survey Data
Cooperation Level from Survey Data
Change in Trust Data
Change in Conflict Level
Change in Cooperation Level
208
310
302
314
312
310
302
310
232
230
228
300
306
306
306
310
310
310
304
304
304

FIGURE 3

FIGURE 4


INPUT
402
Initialize Stocks
400
Calculate Components and Flow Rate Values
410
Calibrate Model
420
Estimate Change Over Time
430
Initialize Models to Steady State
440
Vary Levels of Components and Sub-components
450
Determine Relationship Effectiveness Value
460
470
OUTPUT